

MOBILE NETWORK AGENTABSTRACT

A mobile network agent is installed in any network system. The mobile network agent automatically obtains the identification information of a mobile device that
5 requests to establish connection with the network system and authenticate the identity
of the mobile device. The authentication information is notified to the network system
and the home network or the virtual private network (VPN) server of the mobile
device. Communication packages coming from the home network or the VPN are
received by the mobile network agent directly and are transmitted to the mobile
10 device. On the other hand, communications packages coming from the mobile device
are transmitted to the home network or the VPN via the mobile network agent, to be
processed by the latter. Under the present invention, even if the mobile device or its
home network is not installed with the mobile network agent, a mobile device is
allowed to roam from network to network via a network system installed with the
15 mobile network agent of this invention.